

## INDIANA TECH FLASH NEWSLETTER

Special points of  
interest:

- Fourteen Pages of Resources!
- Lessons, software, and more!
- Help Wanted!

Features inside this  
issue include:

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# Indiana Tech Flash

Indiana's Comprehensive Newsletter/Resource For  
Engineering & Technology Education.

June 2010

## 2009-2010 — A School Year in Review —



Today, as we begin to get ready to say goodbye and begin missing our students for the summer, I thought today might be a good time to do a quick review of the many POSITIVE accomplishments and activities that teachers of Indiana Engineering & Technology Education have participated in with their students!

Over the past school year we have had many exciting things occur that I believe prove that the teachers of our content in Indiana are some of the best and brightest in the nation.

### Highlights include...

*Programs honored by Board of Education, Boiler Tech Challenge, Indiana Robotics Invitational, State House Rotunda Day, Super Mileage, Challenge, Shell Eco-Marathon, FIRST Robotics, Vex Robotics, Lego Robotics, E/TEI state conference, ITEEA conference, Several teachers and programs of the year, A partnership between schools in Indiana and the Alsace Region of France, ISU students honored by TECA, Gateway Academies, PLTW summer trainings, Engineering & Technology Education Day, Tech TREK, and more!*

Engineering & Technology Education



Today I would simply like to thank each of you for your dedication to making your students great.

There are many things to be proud of in Indiana. Our state truly has some of the greatest assets for advancing education with our content of "Engineering & Technology Education" as the core of STEM.

I am proud to have the opportunity to serve you. I believe that if you have reviewed the brief list of activities from 2009-2010 that there is no shortage of opportunities for both you and your students.

Please have a safe and happy summer! -mfitz

## Upcoming FREE ASEE Workshop!

**K-12 Teachers, Educators, Administrators:** This energizing, highly informative event will introduce you to innovative, effective engineering education lessons, best practices, and take-away tools. Kentucky teachers who participate will be eligible for continuing professional education credits. **Out-of-state teachers will get a certificate to use in seeking credits through their own state authorities.**

**When:** Saturday, June 19, 2010, 8:00 a.m. - 4:30 p.m.

**Where:** Kentucky International Convention Center, 221 South 4th Street, Louisville, Kentucky 40202-2903

**Free** to all who register by June 4. For details and to register,

**Visit:** <http://teachers.egfi-k12.org/category/workshop>



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## Online Presentations...On Demand

Easily create voice-enriched presentations to promote your expertise or business.

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### My Brainshark

My Brainshark allows you to add your voice to powerpoint slides, narrate

a document, narrate a video, add your voice to photo presentations, produce a podcast and more.

Try it out for free!

<http://my.brainshark.com/>



### Time Engineers

Time Engineers teaches engineering, science, and math without leaving the fun of gaming behind. Students travel in a cool time machine to three different time periods and

encounter typical engineering problems to be solved in order to build pyramids, irrigate farmland, command a WWII submarine, raise and lower medieval drawbridges, and much more. Time Engineers

has lowered the **School District License to only \$49.95**. See the [Purchase page](#) or contact Software Kids sales at [sales@software-kids.com](mailto:sales@software-kids.com) for more details.

**Also see the FREE demo of Time Engineers**

[www.software-kids.com/te\\_catapult.html](http://www.software-kids.com/te_catapult.html)



### Activity: The BristleBot

BristleBots are one variety of the popular vibrobot, a simple category of robot controlled by a single vibrating motor. This BristleBot is made from a toothbrush and a few low-cost materials and can easily be modified for additional challenge.

<http://teachers.egfk12.org/activity-do-it-yourself-bristlebot/>

### ITEEA Membership Benefits

Our members are classroom teachers from elementary to high school, local and state/provincial supervisors, college/university faculty, and museum staff.

Their common ground is an interest and involvement in technology education. Serving members since 1939, ITEEA brings together

technology education professionals to share ideas, gain professional development, and

improve public understanding of technological literacy.



<http://www.iteaconnect.org/Membership/MembershipBenefits.pdf>



### Career Connections

Please select a video



#### Building Arches

Discussion with an architect about the importance of arches in building structures.

### [Explorer.definedlearning.com](http://explorer.definedlearning.com)

Enter the username of:  
INDOE and the password:  
INDOE to test drive

Defined Learning's Career Explorer in which your students will be encouraged to express interests and activities that they enjoy and translate those interests

into an area of exploration. This exploration will not only lead students down the path of relevancy between classroom studies and 21st century careers, but also better prepare them to begin to discover other careers paths that they may be interested in.

<http://explorer.definedlearning.com>



### [Lesson: The Luge](http://teachers.egfi-k12.org/lesson-the-luge/)

Students build a simulated luge track and make predictions about the impact of surface type, wind resistance, size of slope, and shape of luge on their track; test their predictions by conducting several simulated luge runs; and make conclusions about the effects of physical forces on the sport of lugging.

<http://teachers.egfi-k12.org/lesson-the-luge/>



### [NASA Shuttle Simulator](#) [Software Helps](#) [Students Apply STEM Skills](#)

"Developed and funded by NASA, the Kennedy Launch Academy Simulation System (KCLASS) program is an exciting way to bring the space shuttle program

into your classroom.

The KCLASS program has three components, freely available to you:

**Curriculum.** Over 40 hours of lesson plans and interactive materials.

**Assessment.** The entire program has an assessment system

**Software.** Allows you to set-up and run a networked space shuttle simulation!

You can download the entire program and course materials or pick and choose the lessons that are relevant to your class!

<http://www.nasa-klass.com/>



### [PTC Pro/Engineer Academy](http://www.ptcacademy.com/)

Gain nearly 1 million worth of **FREE** CAD Software today!

Welcome to the PTC/Academy learning portal. Here you will find self directed and self paced tutorials to get you started using your FREE Pro/ENGINEER Wildfire!

<http://www.ptcacademy.com/>



## THE RULER GAME

**The Ruler Game** only teaches you how to read the standard English Ruler, or Imperial ruler, there are also Metric rulers. Metric rulers use marks called centimeters which are divided into 10 sections called millimeters. To read a metric ruler you simply count the sections. There is no need to convert the fractions as you must do when using English units or Imperial units.

<http://www.rsinnovative.com/rulergame/>



### Lesson: Build a Robot Arm

In this lesson for ages 8 to 18, students work in teams to design and build a working robotic arm from a set of everyday items. Each arm should be able to pick up a Styrofoam cup.

<http://teachers.egfi-k12.org/lesson-build-a-robot-arm/>



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### Class Activity: Design a Thermostat

In this activity for grades 9-11, students investigate circuits and their components by building a basic thermostat. They learn why key parts are necessary for the circuit to function, and alter the circuit to optimize the

thermostat temperature range. They also gain an awareness of how electrical engineers design circuits for the countless electronic products in our world.

<http://teachers.egfi-k12.org/class-activity-design-a-thermostat/>



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### Clay Boats

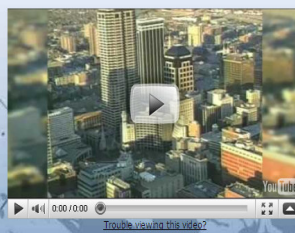
Students use modeling clay to make a boat that will float in a tub of water. The object is to build a boat that will hold as much weight as possible without sinking. In the

process of designing and testing their boats, students discover some of the basic principles of boat design and gain first-hand experience with concepts such as buoyancy and density.

<http://teachers.egfi-k12.org/17/>

## Dream It Do It Indiana.com

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TEST YOUR SKILL - EDUCATORS - MANUFACTURERS - FAMILY - CONTACT  
Hot Jobs



MAKE YOUR DREAM A REALITY

Download This Video

people are essential for the future of manufacturing and logistics due to retirements of many Baby Boomers employed in the sector.

<http://www.dreamitdoitindiana.com/index.aspx>

### DreamItDoItIndiana.com

Conexus has unveiled which it considers the

centerpiece of its "Dream It. Do It." campaign.

The state's logistics initiative says more young



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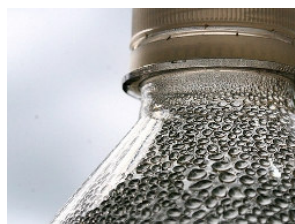
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### Activity: Package Those Foods!

This activity for grades 6-8 provides students with the opportunity to create a food package for a specific food. The students have three components to focus on in the design of their food package. The package will have to keep the food clean, protect or aid in the

physical and chemical changes that can take place in the food, and identify the food appealingly.

<http://teachers.egfi-k12.org/package-those-foods/>



### Lesson: The Total Package

Who hasn't been frustrated by hard-to-open, clumsy containers? Assuming the role of engineers, students learn about the design process and examine the packaging of everyday products. They then analyze a specific product and devise a better design, producing a written report that recommends helpful changes.

<http://teachers.egfi-k12.org/lesson-package-design/>



### Lesson: Paper Structures

Practicing elementary civil engineering, students build a portable paper structure able to support the weight of a book. They learn that material strength varies with shape and arrangement.

<http://teachers.egfi-k12.org/lesson-paper-structures-civil-engineering/>



**LEARNING CONNECTION**

Providing data, resources and tools to support student achievement

### Learning Connection

Developed by the Indiana Department of Education as part of a federal grant for developing statewide data systems.

Provides access to longitudinal student-level

data from numerous sources to support instructional decisions and increase student achievement; opportunities to collaborate with colleagues from across the state through the extensive suite of

communication tools; and, a common point of access for information from IDOE.

<https://learningconnection.doe.in.gov>



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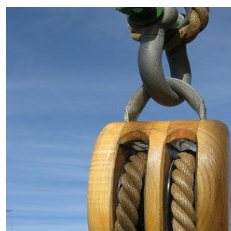
About eGFI

### Lesson: Lift and Pull

In this activity for grades 6-8, students gain first-hand experience with the mechanical advantage of pulleys. Students are given the challenge of helping save a whale by moving it from an

aquarium back to its natural habitat into the ocean. They set up different pulley systems, compare the theoretical and actual mechanical advantage of each and discuss their recommendations as a class.

<http://teachers.egfi-k12.org/lesson-pulleys/>





# 2010 Indiana ACTE & ETEI State Conference



Sponsored By:

VINCENNES  
UNIVERSITY

## ***Career Pathways: A Journey To Success***

**September 24-25, 2010**

**Wyndham Hotel & Conference Center ♦ Indianapolis, Indiana**

### **Friday, September 24**

8:30 a.m.	Registration Opens
10:00 a.m.	Opening Session & Keynote <i>Sponsored by ITT</i>
11:00 a.m.	Pathways Presentation Department of Education
Noon	Lunch (Provided)
1:00-5:00 p.m.	Content Specific Sessions ETEI Sessions Affiliate Sessions General Sessions
2:00-7:00 p.m.	Vendors Open
5:00-7:00 p.m.	President's Reception Snacks/Drinks/Cash Bar

### **Saturday, September 25**

6:30-8:30 a.m.	Breakfast - Hospitality Room
9:00 a.m.-Noon	Career Pathways Sessions <i>Sessions to Address All of the 2010 Pathways Program Content and Completion Expectations.</i>
	ETEI/Affiliate Sessions
Noon-1:30 p.m.	IACE Awards Lunch ETEI Awards Lunch <i>Sponsored by Vincennes University and Whitebox Learning</i>
1:30 p.m.	IACE Delegate Assembly

**Mark Calendars & Make Plans Now To Attend The Fall Conference  
Sponsors/Events/Sessions/Activities Still Being Added & Finalized  
Pre-Conference Workshops & Programs TBA**

**Make Sure Instructors & Administrators Of CTE Programs  
Are Up To Date On The Career Pathways Initiatives**

**Special Thanks To:**



**WHITEBOX  
LEARNING**

**ITT Technical Institute** **ITT**

**Substitute Teacher Pay Reimbursement Available**





May 15<sup>th</sup>, 2010

**Space Port Indiana™, Inc. Classroom Opportunities for 2011-2012**  
**2011 Space Week & Regional Rocket Competition**  
[www.spaceportindiana.com](http://www.spaceportindiana.com) • [Contactus@spaceportindiana.com](mailto:Contactus@spaceportindiana.com)

Dear Educator,

This is an exciting time in the history of the American space program. Unlike any time in our past, we will explore our universe and learn more about our planet through commercial endeavors and private industry. Space Port Indiana™, Inc., (SPI) Indiana's space port, is dedicated to helping teachers present exciting programming and new curriculum for Hoosier students. We understand the importance of project based learning, national science standards and STEM in the education of our youth.

This fall, we will be engaging teachers with new kits, experiments and opportunities to advance the understanding of STEM content. Just like new books, these new kits will contain materials and instructions for NASA developed experiments supporting project based learning and leading to our Space Week celebration. The kits can be purchased just like books and used to create unique hands on activities.

The inaugural Space Week is May 2-7<sup>TH</sup>, 2011. This annual event creates a full week of activities related to space and science. It concludes with the Regional Rocket Competition with Elementary, Middle School, High School and College divisions and a chance for teams of students to design, build and fly rockets alongside SPI Mission Specialists, NASA and universities. Our kits and programs provide a path to Space Week participation. During Space Week students will be shoulder to shoulder with other teams and experience multiple designs and the challenges they bring. It is an amazing peer to peer activity.

If you have questions about the activities, kits or competition, please feel free to write or call us. Over the next few weeks, we will be adding content to our website including rules, downloadable files, registration forms, and our "Ask an Expert" forum. Thank again for your dedication and commitment to education in Indiana and we hope to see you and your students throughout the next school year. Trust me when I say that there is no feeling like the one that comes from watching your own experiment successfully launch and return after so much hard work!

Regards

Brian L. Tanner  
President/Chairman



Dear Project Lead the Way Teachers and Administrators,

A couple of months ago we let you know about the launch of Engineering Alliance, an exciting, new enhancement to your Project Lead the Way curriculum. I encourage you to take advantage of the competitions and leadership development activities offered, and to become a Founding Partner of Engineering Alliance by affiliating before the end of this school year.

Engineering Alliance is designed specifically for PLTW programs. It gives students opportunities to showcase their leadership and science, technology, engineering and math skills through challenging . . . and fun . . . contests. More than just a way to reinforce STEM skills and PLTW learning, Engineering Alliance helps put your students on the path to becoming leaders in the engineering field. They will benefit from learning about communication and presentation skills, diversity, time management, goal setting, organizational skills, continuous improvement, and teamwork.

Engineering Alliance gives your students additional motivation and recognition. Your PLTW program will become more visible and offer new ways to involve parents and your community.

How To Get Started?

For more information or to affiliate, please visit [Engineering Alliance](http://www.engineeringalliance.org/) at **www.engineeringalliance.org/**  
e-mail **info@engineeringalliance** or call toll free **888/860-9010**.

Engineering Alliance is now available with a pricing structure that includes a multiple school discount for school districts.

For access through July 2011:

- 1 school per district pays a total of \$300
- 2 to 5 schools per school district pay a total of \$500
- 6 to 10 schools per school district pay a total of \$900
- Over 10 schools per district pay a total of \$1,500

I hope you will not miss out on this opportunity to engage your students in exciting contests and leadership activities that will surely help them develop into tomorrow's innovative engineers.

We are excited about this addition to the PLTW learning adventure and we hope you will find it a useful tool to provide imagination and innovation through learning.

Sincerely,  
Richard Grimsley  
Vice President for Programs  
Project Lead The Way





**RubiStar** is a free tool to help teachers create quality rubrics.

<http://rubistar.4teachers.org/index.php>

### Indiana Robotics Educators grant has been funded once again for Summer 2010

Please register early and pass this information along to other teachers. We have a lot of robot kits to distribute. First year participants will receive a VEX Robotics Starter Kit, Autodesk Inventor Professional Software, Autodesk Curriculum, workshop CD and other items. Second year participants will receive a VEX Starter Kit, VEX

Sensor Kit, workshop CD and other items. Third year participants will receive a VisualEdge Competition Kit and workshop CD. The third year workshop is only available in Indianapolis. Select the link to schedule your summer date and location to participate!

<http://jotform.com/form/10801735639>



## POWER SUMMER CAMP July 11-17, 2010

### Preparing Outstanding Women for Engineering Roles (POWER)

Power is a week-long summer residential camp for young ladies that will be entering 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> grades. The POWER camp provides the opportunity to explore careers in engineering through hands-on activities and interaction with both professional female engineers and engineering college students.

<http://www.engr.iupui.edu/power/>



### Break It Down: Reverse Engineering

In this lesson for grades 5-8, students learn how the process of reverse engineering helps improve technology. Students analyze the

mechanisms of a push-toy then disassemble it and draw its inner mechanisms. They then make suggestions for improvements: effectiveness, improved functionality, ecological friendliness, and any

additional functionality. Time required: 90 minutes.

<http://teachers.egfi-k12.org/break-it-down-reverse-engineering/>

## National TeacherRegistry

### Welcome to the National Teacher Registry

The National Teacher Registry is a free service for schools and teachers that enables them to create a list of the items they need for their classrooms.

Teachers do not receive enough money for the supplies they need for their classrooms. This is a growing problem with severe education budget cuts across the country.

Teachers often buy supplies with their own money but there is a limit to what they can afford to purchase. The National Teacher Registry is a free service for teachers, parents and/or other

contributors. Products are sourced from national suppliers and discounters. There is no markup. It is designed to help teachers communicate to parents and others, the supplies that they need for their classrooms.

<http://www.nationalteacherregistry.com/>



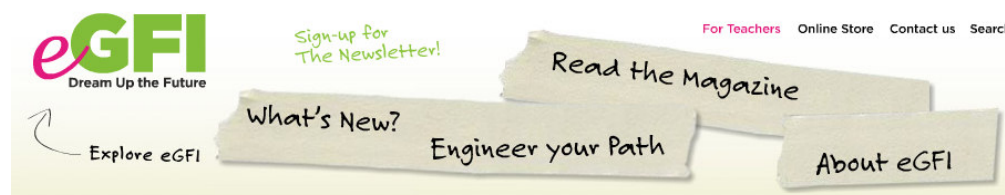
### Activity: Taking the Heat

Ever touch a metal object on a hot day? The heat

burns your fingers. But the ground is cool enough to walk on barefoot. Different materials have a different heat capacity,

something engineers consider in designing everything from houses to hair dryers. In this lesson for grades 3-5, students compare the heat capacities of different materials and learn why heat capacity is an important property of thermal energy.

<http://teachers.egfi-k12.org/activity-taking-the-heat/>



### Lesson: Bridge Building. Tension and Compression

In this lesson for grades 6-12, students experience the forces of tension and compression by manipulating objects that are strong in each but not

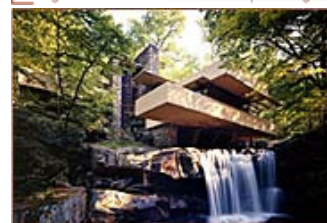
in both. Students then take what they have learned and apply it to the construction of a simple model of a beam bridge and the more complex suspension bridge and inverted triangle support structure. During the lesson, students watch

video segments that illustrate the design and construction process in the real world.

<http://teachers.egfi-k12.org/lesson-tension-and-compression/>

## Architect Studio 3D

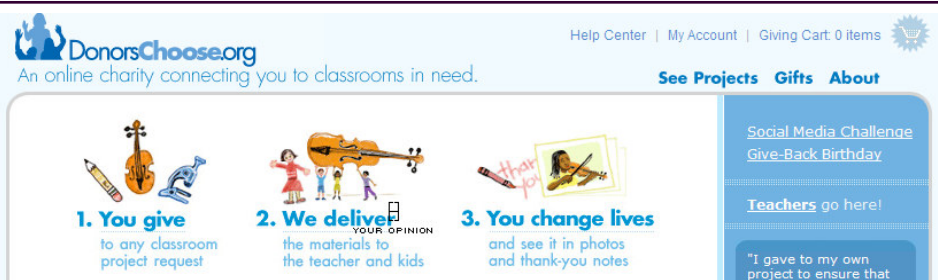
Design a House with Frank Lloyd Wright



### Design Studio

On this Web site, you can design a house, walk through it in 3D, and then share it with the world. You can also learn more about architecture, past and present, and explore Frank Lloyd Wright's life and work.

<http://www.architectstudio3d.org/AS3d/home.html>



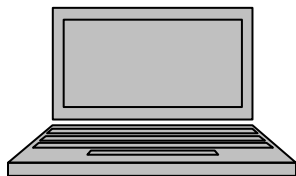
### DonorsChoose.org

is a simple way to provide students in need with resources that our public schools often lack. At this not-for-profit web site, teachers submit project

proposals for materials or experiences their students need to learn. These ideas become classroom reality when concerned individuals, whom we call Citizen

Philanthropists, choose projects to fund.

<http://www.donorschoose.org>



The State of Indiana makes "surplus" computer hardware available to educational entities

under IC 5-22-21-7.5.

Questions about the program or about the status of pending orders may be directed to [bflake@idoa.in.gov](mailto:bflake@idoa.in.gov)

[http://www.doe.in.gov/super/2010/01-January/013010/documents/surplus\\_computer\\_request.pdf](http://www.doe.in.gov/super/2010/01-January/013010/documents/surplus_computer_request.pdf)

## A Teacher's Reference Guide To Power Tool Safety

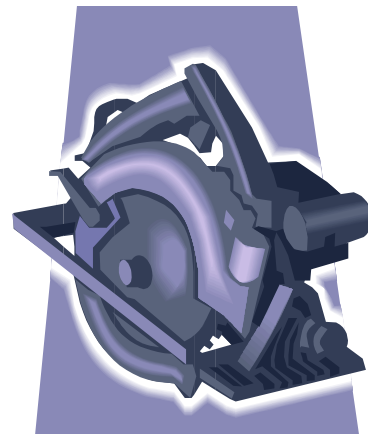
⚠ DANGER  
⚠ WARNING  
⚠ CAUTION

 Presented by the manufacturer members of the power tool institute, inc.

[A Teacher's Reference Guide to Power Tool Safety](http://www.powertoolinstitute.com/pti_pdfs/PTI_Teachers_Guide_Safety.pdf)

PTI's 24-page brochure featuring lesson plans, student activities, quizzes, support materials, and references to additional information on each power tool category in "Safety Is Specific" (English and Spanish), PTI's compilation of rules and safe practices.

[http://www.powertoolinstitute.com/pti\\_pdfs/PTI\\_Teachers\\_Guide\\_Safety.pdf](http://www.powertoolinstitute.com/pti_pdfs/PTI_Teachers_Guide_Safety.pdf)



### Lesson: Cracking the Code

This lesson for ages 8 to 18 explores how computerized barcoding has simplified distributing and pricing of products.

Students learn about encoding and decoding, the barcoding system, and how a mathematical formula is embedded in barcoding to safeguard against errors.

Students use websites to identify product barcodes, test codes from everyday products, and work as an "engineering team" to come up with the next generation of information embedding systems.



<http://teachers.egfi-k12.org/lesson-cracking-the-code/>



### Lesson: Solar Cooking

In this series of lessons for grades 6-8, students first experiment with a virtual solar cooker to discover the mathematical relationship among

reflection, transmission and absorption. Then they apply their knowledge to building and testing a solar cooker of their own invention. In an extension, students investigate how these principles can be used as sustainable energy sources for homes through passive solar heating.

<http://teachers.egfi-k12.org/lesson-solar-cooking/>



### Virtual Solar Cooker interactive simulation

This simulation shows samples of solar cookers and how components may be added.

<http://www.pspb.org/e21/media/SolarCooker.html>



**Combining Academic and Technical Studies to Prepare Students for College and Careers**

Students preparing for college and careers need access to career-focused programs of study that combine challenging academic content and intellectually demanding career/technical (CT) studies. Schools wanting to raise student achievement can create career-focused programs of study that connect a solid academic core with a sequence of CT courses.

<http://publications.sreb.org>



**START HERE  
GO FURTHER**  
FEDERAL STUDENT AID®

**TEACH GRANT PROGRAM**

Through the College Cost Reduction and Access Act of 2007, Congress created the Teacher Education Assistance for College and Higher Education (TEACH) Grant Program that provides grants of up to \$4,000 per

year to students who intend to teach in a public or private elementary or secondary school that serves students from low-income families. If you are interested in learning more about the TEACH Grant Program, you should contact the financial aid office at the college where you will be

enrolled to find out if they will participate in the TEACH Grant Program. For a listing of the TEACH Grant eligible institutions, click [here](#).

<http://studentaid.ed.gov/PORTALSWebApp/students/english/TEACH.jsp>



**Public Service Loan Forgiveness Program**

As a teacher in a public school or public service job you might be all eligible for the **Public Service Loan Forgiveness Program**.

Please be advised that your loans must be with The Federal Department of Education and they may also be able to help consolidate your loans for you.

A **Consolidation Loan** allows you to combine one or more of your federal education loans

into a new loan that offers you several advantages such as one monthly payment, flexible repayment options, and reduced monthly payments. For more details contact the Public Service Forgiveness Program at: Contact 1-800-848-0979

<http://www.finaid.org/loans/publicservice.phtml>



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FEDERAL STUDENT AID®

**Federal Perkins "Loan" Cancellations for Teaching in a Designated Subject Shortage Area**

This cancellation is based on full-time teaching if there is a shortage of teachers in your subject area. Each year the state education agency

determines any subject shortage areas in the elementary and secondary schools within the state.

Check with your local school system or state education agency to find out if your subject matter area has been so designated. If you teach full time in science,

mathematics, foreign language, or bilingual education, you qualify for cancellation even if the state has not designated one of these subject areas as a shortage area. the "Teacher Shortage Areas" a nationwide listing by content area.

<http://studentaid.ed.gov/PORTALSWebApp/students/english/cancelperk.jsp>






## School Personnel Job Bank

There are 406 jobs available in the Job Bank.

### [Frequently Asked Questions \(+\)](#)

 [Search by Detail...](#)

***It is possible that some of the following positions have already been filled. These positions are posted by the Indiana Department of Education for three months or until they expire.***

05/21/10 - Miscellaneous (42)	05/20/10 - Health/Physical Education/Sports (32)
05/21/10 - Administration (39)	05/20/10 - History / Social Studies (17)
05/20/10 - Arts and Music (29)	05/20/10 - Mathematics (37)
05/20/10 - Business (7)	05/19/10 - Nursing and Health Services (2)
05/20/10 - Elementary Education / General Studies (37)	05/20/10 - Science (28)
05/20/10 - Engineering and Technology Education (9)	05/20/10 - Special Education (47)
05/20/10 - English / Reading / Speech / Journalism (32)	05/12/10 - Technology / Media and Library Media (5)
05/21/10 - English Language Learners (ESL/ENL) (0)	05/20/10 - Vocational / Family and Consumer Science (9)
05/21/10 - Guidance / Social Work / Psychology (10)	05/20/10 - World Languages (24)

Close Date	Title/Position	Employment Type	Corporation	School	Action
06/01/2010	Industrial Technology Education Teacher	Full Time	North Miami Community Schools	North Miami Middle/High School	<a href="#">View</a>
06/20/2010	Project Lead the Way/Gateway to Technology Teacher	Full Time	Taylor Community School Corp	Taylor Middle School	<a href="#">View</a>
06/29/2010	Industrial Tech Teacher w/Career/Tech License	Full Time	West Central School Corp	West Central Senior High School	<a href="#">View</a>
07/22/2010	High School Industrial Technology Teacher	Full Time	Culver Community Schools Corp	Culver Community High Sch	<a href="#">View</a>
07/29/2010	Technology / Industrial Education Teacher	Full Time	DeKalb Co Ctl United Sch Dist	DeKalb Middle School	<a href="#">View</a>
08/03/2010	Industrial Technology Teacher	Full Time	Rush County Schools	Benjamin Rush Middle Sch	<a href="#">View</a>
08/05/2010	Industrial Technology Teacher	Full Time	Batesville Community Sch Corp	Batesville High School	<a href="#">View</a>
08/14/2010	Middle School Technology Education Teacher	Full Time	LaPorte Community School Corp	Kesling Middle School	<a href="#">View</a>
08/14/2010	High School Technology Education Teacher	Full Time	LaPorte Community School Corp	LaPorte High School	<a href="#">View</a>

<http://www.doe.in.gov/peer/>

## GRANTS, AWARDS & OPPORTUNITIES

**Donors Choose** Here's how it works: public school teachers from every corner of America post classroom project requests on DonorsChoose.org.

**Welcome to the National Teacher Registry** The National Teacher Registry is a free service for schools and teachers that enables them to create a list of the items they need for their classrooms.

**2010 Summer Guitar Making Workshops at Purdue** Registration is open for the fourth summer of guitar making workshops. Join us for a week of fun and learning as you make your own custom electric guitar. There are three workshops so everyone can participate. Check it out at [www.metalound.org](http://www.metalound.org) or contact Leza Dellinger at [ldellin@purdue.edu](mailto:ldellin@purdue.edu) , 765-494-1279.

**Technology Donors Program** Digital Wish matches teachers with donors who provide schools with funding or technology items.

**Computers for Learning** CFL is offering computers and related equipment to K-12 schools and educational non-profit organizations.

**The AFCEA Educational Foundation** will offer scholarships of \$5,000 to students actively pursuing an undergraduate or graduate education degree for the purpose of teaching STEM (Science, Technology, Engineering or Mathematics) subjects at a U.S. middle or secondary school.

**Abbott Foundation** This foundation invests in creative ideas that encourage experimentation and promote science.

**Louis R. Cappelli Foundation** Cappelli directs funds toward innovative educational experiences that tie schools and parents together in the educational adventure with their children.

**The Lawrence Foundation** The foundation focus is on making grants to support environmental, education, health, human services, and other causes.

**AFJROTC Grant** The grant's purpose is to enhance teaching about how aerospace science plays an important role in tomorrow's society.

**Newspaper Sponsorship** USA Today offers classrooms the opportunity to receive its free educational program.

**The Handspring Corporation** Free Cash Grants & Product Donations Handheld Computers Funding Source for Non Profit Organizations for Youth & Schools & After-School Programs

**Hewlett-Packard Foundation** Foundation Grant Funding School Technology Non Profit Grants for Technology for Program Delivery

**RGK Foundation** Grants For Non Profit Organizations & K-12 Science, Math & Technology Programs with emphasis on Science, Technology Math for female & minority students.

**RadioShack** Funding Opportunity for Technology Grants for Equipment for Child and Family Safety Efforts.

**Mike Fitzgerald**  
Education Specialist  
Indiana Department of Education  
[mfitzger@doe.in.gov](mailto:mfitzger@doe.in.gov)  
317-232-6990

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